PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are requ

UTILITY

ured to re	spond to a collection	of information unless it displays a valid OMB control num	iber.	
Attorney Docket No.		MBZ-001CP		
First Inventor		Rima Kaddurah-Daouk		
Title	TREATMENT	OR DRUG DISCOVERY, DISEASE F, AND DIAGNOSIS USING		
	METABOLOMICS			
Express Mail Label No.		EV 309 881 359 US	-	

PATENT APPLICATION		METHODS FOR DRUG DISCOVERY, DISEASE					
TRANSMITTAL	Title	TREATMENT, AND DIAGNOSIS USING					
(Only for new nonprovisional applications under 37 CFR 1.53(b))	METABOLOMICS						
Express Mail Label No. EV 309 881 359 US							
APPLICATION ELEMENTS		MS Patent Application – Commissioner for Patents					
See MPEP chapter 600 concerning utility patent application con	tents.	ADDRESS TO: Commissioner for Patents P.O. Box 1450					
200 2. Shaptor 600 contostining dainty patent approached to		Alexandria, VA 22313-1450					
1. X Fee Transmittal Form (e.g., PTO/SB/17)		7. CD-ROM or CD-R in duplicate, large table or					
(Submit an original, and a duplicate for fee processing) Applicant claims small entity status.		Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission					
See 37 GFR 1.27.	.	(if applicable, all necessary)					
3. X Specification [Total Pages 82	1	a. Computer Readable Form (CRF)					
(preferred arrangement set forth below) - Descriptive title of the invention		b. Specification Sequence Listing on:					
 Cross Reference to Related Applications Statement Regarding Fed sponsored R & D 		i. CD-ROM or CD-R (2 copies); or ii. Paper					
 Reference to sequence listing, a table, 		c. Statements verifying identity of above copies					
or a computer program listing appendix - Background of the Invention Priof Summon, of the Invention	[ACCOMPANYING APPLICATION PARTS					
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description		Assignment Papers (cover sheet & document(s))					
- Detailed Description - Claim(s) - Abstract of the Disclosure		10. 37 CFR 3.73(b) Statement Power of					
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 6		(when there is an assignee) Attorney 11. English Translation Document (if applicable)					
5. Oath or Declaration [Total Sheets]	≒;	12 Information Disclosure Copies of IDS					
	!'	Statement (IDS)/PTO-1449					
Copy from a prior application (37 CER 1 63(d))		Poture Bossist Bostoard (MRED 503)					
(for continuation/divisional with Box 18 completed)		(Should be specifically itemized)					
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)		15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.					
33337 3711 133(3)(2) 3113 133(3)	Ì	17. X Other: Postcard					
6. X Application Data Sheet. See 37 CFR 1.76							
18. If a CONTINUING APPLICATION, check appropriate box, a	and suppl	y the requisite information below and in the first sentence of the					
specification following the title, or in an Application Data Sheet u	under 37	CFR 1.76:					
	•	CIP) of prior application No.: 09/835119					
Prior application information: Examiner Arun K.							
under Box 5b, is considered a part of the disclosure of the acco	mpanying	re of the prior application, from which an oath or declaration is supplied g continuation or divisional application and is hereby incorporated by					
		been inadvertently omitted from the submitted application parts.					
	KESPO	NDENCE ADDRESS					
X Customer Number: 00959		OR Correspondence address below					
LAHIVE & COCKFIELD, LLP							
Elizabeth A. Hanley							
Address 28 State Street							
City Boston State	te I	MA Zip Code 02109					
	ephone	(617) 227-7400 Fax (617) 742-4214					
Name (Print/Type) Cynthia M \$eroos		Registration No. (Attorney/Agent) 53,623					
	A A.						
Signature \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Date October 27, 2003					
1							
L horsely codify that this correspondence is being denosited with the LLS. Postal Sendre as Evyress Mail. Airhill No. EV 309 881 359							

I hereby certify that this correspondence is being deposited with the U.S. US, in an envelope addressed to: MS Patent Application Commissione for-Patents P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. (Cynthia M. Soroos)

Dated: October 27, 2003

Signature:

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

Complete if Known					
Application Number	Not Yet Assigned				
Filing Date	Concurrently Herewith				
First Named Inventor	Rima Kaddurah-Daouk				
Examiner Name	A. Chakrabarti				
Art Unit	1634				
Attorney Docket No.	MBZ-001CP				

Applicant dains small entity status. See 37 CFR 1.27		Art Ur	nt		1034			
TOTAL AMOUNT OF PAYMENT (\$) 1,270.00		Attorney Docket No.			MBZ-001CP	MBZ-001CP		
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
Check Credit Money Other None	3. ADDITIONAL FEES							
X Deposit Account:	Large	e Entity	Small	Entity				
Deposit Account 12-0080	Fee	Fee	Fee	Fee	- Fee Description			
Number	Code	(\$)	Code	(\$)	Fee Pa	id		
Deposit Account Lahive & Cockfield, LLP	1051	130	2051	65	Surcharge – late filing fee or oath			
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.			
	4050	400	4050	400		ᅴ		
	1053	130	1053	130	Non-English specification	_		
X Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Paguasting publication of CID offer	╗		
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month			
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month			
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month			
Fee Fee Fee Fee Fee Pescription Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month			
1001 770 2001 385 Utility filing fee 385.00	1255	2,010	2255	1,005	Extension for reply within fifth month	╗		
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal			
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 385.00	1452	110	2452	55	Petition to revive – unavoidable			
(0) (0)	1453	1,330	2453	665	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)			
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design issue fee			
Total Claims 64 -20** = 44 x 9.00 = 396.00	1503	640	2503	320	Plant issue fee			
Independent 11 -3** = 8 x 43.00 = 344.00	1460	130	1460	130	Petitions to the Commissioner			
Multiple Dependent 145.00 = 145.00	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	٦		
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt	٦		
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per	ㅓ		
Code (\$) Code (\$) Per Description					property (times number of properties) Filing a submission after final rejection	ᅱ		
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	(37 CFR 1.129(a))			
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))			
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	Request for Continued Examination (RCE)	┪		
over original patent	1802	900	1802	900	Request for expedited examination	ヿ		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent Other fee (specify)						┥		
	i				Did OUDTOTAL (O) (O)	爿		
SUBTOTAL (2) (\$) 885.00	Redu	uced by E	sasic Fi	iing Fee	Paid SUBTOTAL (3) (\$) 0.0	10		
**or number previously paid, if greater, For Reissues, see above								

SUBMITTED BY		(Complete	(if applicable))
Name (Print/Type) Cynthia M. Sprops-	Registration No. (Attorney/Agent) 53,623	Telephone	(617) 227-7400
Signature /		Date	October 27, 2003

I hereby certify that this correspon	dence is being deposite	ed with the U.S. F	Postal Service a	s Express Ma	il, Airbill No. E	V 309 881 359
US, in an envelope addressed to:	MS Patent Application,	. Commissioner#	for/Patents, P.Q	Box 1450, A	lexandria, VA	22313-1450, on
the date shown below.		1 unt	1117. /	11 1		

Dated: October 27, 2003